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Substitute for form 1449B/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: July 28, 2005 (use as many sheets as necessary)		Application Number	10/697,098
		Filing Date	10/31/2003
(use as many sheets as necessary)		First Named Inventor	Masahiro TADAUCHI
		Group Art Unit	1775
Sheet 1 of 1		Examiner Name	John J. Zimmerman
		Attorney Docket Number	040301-0639

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
13	A1	JP	2000-107882	A	MITSUI MINING & SMELTING CO LTD	04-18-2000		Abstr.
	A2	JP	2002-248596	A	TOSHIBA TUNGALOY CO LTD	09-03-2002		Abstr.
	A3	JP	2002-273596	A	MITSUI MINING & SMELTING CO LTD	09-25-2002		Abstr.

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶

Examiner Signature	JOHN J. ZIMMERMAN	Date Considered	12/13/05
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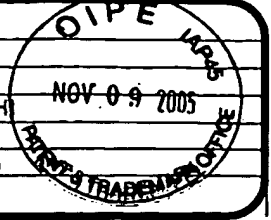
¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT Date Submitted: November 9, 2005 (use as many sheets as necessary)				Complete if Known	
				Application Number	10/697,098
Sheet 1 of 1				Filing Date	10/31/2003
				First Named Inventor	Masahiro TADAUCHI
				Group Art Unit	1775
				Examiner Name	John J. Zimmerman
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		Office ³	Number ⁴	Kind Code ⁵ (if known)			
	A1	JP	05-295490	A	TDK CORP.	11-09-1993	Abstr.
	A2	JP	09-206983	A	SONY CORP.	08-12-1997	Abstr.
	A3	JP	10-193171	A	MURATA MFG CO LTD	07-28-1998	Abstr.
	A4	JP	2001-121285	A	SUMITOMO METAL MINING CO LTD	05-08-2001	Abstr.

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Examiner Signature	 JOHN J. ZIMMERMAN	Date Considered	12/13/05
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